

**IN THE CLAIMS:**

Please amend claim 1 as shown below, and please cancel the claims indicated as canceled below.

The claims read as follows:

1. (Currently Amended) An injection catheter comprising:

a first elongated shaft having a distal end and a proximal end and a first lumen extending therebetween;

a needle with a proximal end and a distal end and a needle lumen extending therebetween, the needle disposed within the first lumen of the first elongated shaft and extending from a proximal end of the catheter to a distal end of the catheter;

a stop collar disposed within the first lumen of the first elongated shaft near the distal end of the needle;

a first set of threads located on the needle; and

a second set of threads located on the stop collar;

wherein rotation of the needle within the first elongated shaft causes longitudinal movement of the stop collar relative to the needle within the first elongated shaft, the positioning of the stop collar within the first elongated shaft ~~a needle depth control device located at the distal end of the catheter for~~ controlling a variable extent to which the needle may be extended beyond the distal end of the first elongated shaft.

2. Canceled.

3. (Currently Amended) The injection catheter of claim ~~[[2]]~~ 1 further comprising:  
a first set of threads located on the needle;  
a second set of threads located on the stop collar; and  
means for preventing rotation of the stop collar with respect to the first elongated shaft while permitting longitudinal movement of the stop collar on the first elongated shaft;  
~~wherein the first set of threads is engaged with the second set of threads such that rotation of the needle causes the stop collar to move longitudinally with respect to the needle to adjust the position of the stop collar with respect to the needle.~~
4. (Original) The injection catheter of claim 3, wherein the means for preventing rotation of the stop collar with respect to the elongated shaft while permitting longitudinal movement of the stop collar on the elongated shaft comprises:  
a plurality of outwardly extending longitudinal protrusions located on the stop collar; and  
a plurality of grooves in an inner surface of the elongated shaft to slidably receive the plurality of outwardly extending longitudinal protrusions.
- 5.-12. Canceled.
13. (Previously Presented) The injection catheter of claim 1 wherein the first elongated shaft is made of a low friction material.
14. (Previously Presented) The injection catheter of claim 1 wherein the first elongated shaft comprises polytetrafluoroethylene.

15.-16. Canceled.

17. (Previously Presented) The injection catheter of claim 1 wherein the first elongated shaft is reinforced with a braid.

18.-20. Canceled.